



12-10-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 75978/16008

First Inventor CONLAN et al.

Title REMOVAL OF BIOLOGICAL
CONTAMINANTS

Express Mail Label No. EL633839301US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit on original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 20]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Pages 25]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:Letter to the PTO.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. 09 / 931,342

Prior application Information:

Examiner Unknown

Group Art Unit: 1741

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		23380 <small>(Please enter Customer Number or attach bar code label here)</small>		Correspondence address below	
Name		23380			
Address		PATENT & TRADEMARK OFFICE			
City		State			Zip Code
Country		Telephone			Fax
Name (Print/Type)		Susan L. Mizer		Registration No. (Attorney/Agent) 38,245	
Signature				Date 12/6/01	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

370.00

Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	CONLAN et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	75978/16008

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **50-0902(75978/16008)**
Deposit Account Name **Arter & Hadden**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	\$370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

370.00

2. EXTRA CLAIM FEES

Total Claims	12	-20** =	0	X	\$9.00	=	0
Independent Claims	2	-3** =	0	X	\$42.00	=	0
Multiple Dependent							0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description		
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

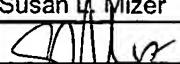
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to Institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(a)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0

SUBMITTED BY

Name (Print/Type)	Susan L. Mizer	Registration No. (Attorney/Agent)	38,245	Telephone	(216) 696-3466
Signature		Date	12/6/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the attached U.S. Patent Application having Docket No. 75978/16008 (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this 7th day of December, 2001, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL633839301US addressed to the: Box Patent Application, P.O. Box 2327, Arlington, Virginia 22202.

Anna C. Kundel
(Typed Name of Person Mailing Paper)

(75978/16008)

Anna C. Kundel
(Signature of Person Mailing Paper)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application:

APPLICANT : CONLAN et al.
FOR : REMOVAL OF BIOLOGICAL
CONTAMINANTS
EXPRESS MAIL NO. : EL633839301US
FILED: : Herewith
ART UNIT : Unknown
EXAMINER : Unknown
ATTORNEY DOCKET NO. : 75978/16008

LETTER

Box Patent Application
Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

The attached application is submitted herewith absent a Combined Declaration
and Power of Attorney in accordance with 37 CFR § 1.53(b). The inventors are as follows:

Brendon Conlan
14/19-21 Murray Street, Lane Cove
Sydney, NSW, 2066, Australia

Tracey Ann Edgell
Unit 2, 7 Holborn Avenue
Dee Why, NSW 2099, Australia

May Lazar
14 Hamersly Street
Fairfield West, NSW 2165, Australia

Chenicheri Hariharan Nair
80 Tomac Avenue
Old Greenwich, CT 06870
United States

Elizabeth Jean Seabrook
Unit 8, 4-6 Lynvale Close
Lane Cove, NSW 2066, Australia

Thomas Norman Turton
Unit 14, 40 Gerard Street, Cremorne
Sydney, NSW, 2090, Australia

It is requested that the Patent Office direct all correspondence regarding this application

to:

Susan L. Mizer
ARTER & HADDEN LLP
925 Euclid Avenue
1100 Huntington Building
Cleveland, Ohio 44115
Customer No. 23380
Phone: 216/696-3466
Facsimile: 216/696-2645

Further, this application is a Continuation-In-Part of prior application No. 09/931,342 filed August 16, 2001, which also claims priority from Australian Provisional Patent Application No. PP7906 filed December 23, 1999.

Date: 12/16/01

Respectfully submitted,

ARTER & HADDEN LLP



Susan L. Mizer
Reg. No. 38,245
925 Euclid Avenue
1100 Huntington Building
Cleveland, Ohio 44115
Phone: 216/696-3466
Facsimile: 216/696-2645